

Substitute for Form 1470, MPEP 609

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	015389-002950US
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U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
CJN	A1	US-6,440,735 B1	08-27-2002	Gaeta	
	A2	US-6,444,650 B1	09-03-2003	Cech et al.	
	A3	US-6,517,834 B1	02-11-2003	Weinrich et al.	
	A4	US-6,608,188 B1	08-19-2003	Tsuchiya et al.	
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	A6	US 2002-0164786 A1	11-07-2002	Cech et al.	
	A7	US 2002-0187471 A1	12-12-2002	Cech et al.	
	A8	US 2003-0009019 A1	01-09-2003	Cech et al.	
	A9	US 2003-0032075 A1	02-13-2003	Cech et al.	
	A10	US 2003-0044953 A1	03-06-2003	Cech et al.	
	A11	US 2003-0059787 A1	03-27-2003	Cech et al.	
	A12	US 2003-0096344 A1	05-22-2003	Cech et al.	
	A13	US 2003-0100093 A1	05-29-2003	Cech et al.	
	A14	U.S. Application No. 09/432,803		Cech et al.	
	A15	U.S. Application No. 09/721,477		Cech et al.	
	A16	U.S. Application No. 09/721,506		Cech et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup>			
CJN	B1	CA	2271718	A1	05-22-1998	
	B2					

Examiner Signature	<i>Cech et al.</i>	Date Considered	<i>8-23-04</i>
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TRADEMARKS

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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<b>Complete If Known</b>	
Application Number	08/974,584
Filing Date	November 19, 1997
First Named Inventor	Cech, Thomas R.
Art Unit	1634
Examiner Name	Myers, Carla J.
Attorney Docket Number	015389-002950US

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
C	C1	ADAMS, MARK et al. "Initial Assessment of Human Gene Diversity and Expression Patterns Based Upon 83 Million Nucleotides of cDNA Sequence." <i>The Genome Directory: Supplement to Nature</i> 28 September 1995, 1995, pp. 3-174, Vol. 377, Issue 6547S.	
	C2		

Examiner Signature	<i>C. Myers</i>	Date Considered	8/24/13
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PTO/SB/08A (08-03)

Substitute for Form 1449A  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet | 1 | of | 5 |

## Complete If Known

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Attorney Docket Number	015389-002950US

## U.S. PATENT DOCUMENTS+

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CJ	A1	US-5,597,697	01-28-1997	Diamond	
	A2	US-5,747,317	05-05-1998	Cao	
	A3	US-5,770,422	06-23-1998	Collins	
	A4	US-5,917,025	08-29-1999	Collins	
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	A6	US-6,166,178	12-26-2000	Cech et al.	
	A7	US-6,337,200 B1	01-08-2002	Morin	
	A8	US-6,475,789 B1	11-05-2002	Cech et al.	
	A9	US-6,610,839 B1	08-26-2003	Cech et al.	
	A10	US-6,617,110 B1	09-09-2003	Cech et al.	

## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
CJ	B1	GB	2 317 891	A	04-08-1998		
	B2	PCT	WO 93/23572	A1	11-25-1993		
	B3	PCT	WO 94/17210	A1	08-04-1994		
	B4	PCT	WO 95/13382	A1	05-18-1995		
	B5	PCT	WO 98/01835	A1	01-25-1998		
	B6	PCT	WO 98/07838	A1	02-26-1998	see abstract	
	B7	PCT	WO 98/08938	A1	03-05-1998	see abstract	
	B8	PCT	WO 98/14592	A2	04-09-1998		
	B9	PCT	WO 98/14593	A2	04-09-1998		
	B10	PCT	WO 98/21343	A1	05-22-1998		
	B11	PCT	WO 98/23759	A2	06-04-1998		
	B12	PCT	WO 98/37181	A2	08-27-1998		
	B13	PCT	WO 98/45450	A1	10-15-1998		
	B14	PCT	WO 98/59040	A2	12-30-1998		
	B15	PCT	WO 99/01560	A1	01-14-1999		
	B16	PCT	WO 99/33998	A2	07-08-1999		
	B17	PCT	WO 99/38964	A2	08-05-1999		
CJ	B18	PCT	WO 00/46355	A2	08-10-2000		

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Signature*Conn*Date  
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8/24/02

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(use as many sheets as necessary)

Sheet

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<i>Examiner Name</i>	Myers, Carla J.
<i>Attorney Docket Number</i>	015389-002950US

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C	C1	ADAMSON, D. et al. "Significant Telomere Shortening in Childhood Leukemia", <i>Cancer Genet. Cytogenet.</i> , 1992; pp. 204-206, Vol. 61	
	C2	AUTEXIER, CHANTAL, et al., "Telomerase and cancer: revisiting the telomere hypothesis; Trends in Biochemical Sciences, 1996, pp. 387-391, Vol. 10, No. 21.	
	C3	AVILION, A., "Characterization and expression of human telomerase," <i>Dissertation Abstracts International</i> , 1996, pp. 5930-B, Vol. 56, No. 11	
	C4	BARINGA, MARCIA, "The Telomerase Picture Fills In", <i>Science</i> , April 25, 1997; pp. 528-529, Vol. 276	
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	C6	CHONG, L. et al. "A Human Telomeric Protein", <i>Science</i> , Dec. 1995, pp. 1663-1667, Vol. 270.	
	C7	COLLINS, KATHLEEN, "Structure and function of telomerase", <i>Current Opinion in Cell Biology</i> , 1996, pp. 374-380, Vol. 8	
	C8	COUNTER, C. et al. "Telomerase activity in human ovarian carcinoma"; <i>Proc. Natl. Acad. Sci USA</i> ; April 1994; Vol. 91; pp. 2900-2904	
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	C10	COUNTER, C. et al. "Telomere shortening associated with chromosome instability is arrested in immortal cells which express telomerase activity", <i>The EMBO Journal</i> ; 1992, pp. 1921-1929, Vol. 11; No. 5, Oxford University Press.	
	C11	DE LANGE, T. et al. "Structure and Variability of Human Chromosome Ends"; <i>Molecular and Cellular Biology</i> ; February 1990; pp. 518-527, Vol. 10, No. 2.	
	C12	FENG et al., "The RNA Component of Human Telomerase," <i>Science</i> , 1995, pp. 1236-1241, Vol. 269	
	C13	FLAVELL, R. & MATHIAS, R. "Prospects for transforming monocot crop plants", <i>Nature</i> , 12 Jan. 1984, pp. 108-109, Vol. 307.	
	C14	FRESHNEY, <u>Culture of Animal Cells. A Manual Basic Technique</u> , p. 4, Alan R. Liss, Inc. New York, 1983.	
	C15	Genbank Accession No. A46242; September 21, 1993	
	C16	Genbank Accession No. AA299878; April 18, 1997	

Examiner Signature

*Carla J. Myers*

Date Considered

8/24/03

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>	
Sheet	3	of	5	
			Application Number	08/974,584
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<i>Cpk</i>	C17	Genbank Accession No. AA311750; April 19, 1997		
	C18	Genbank Accession No. L38903; January 30, 1995		
	C19	Genbank Accession No. Q06163; November 01, 1995		
	C20	Genbank Accession No. S39696; October 07, 1994		
	C21	Genbank Accession No. S53396; May 5, 1995		
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	C23	GLASER, P. et al. "Bacillus subtilis genome project: cloning and sequencing of the 97 kb region from 325" to 333" Molecular Microbiology, 1993, pp. 371-384, Vol. 10, No. 2.		
	C24	GOODMAN, R. et al. "Gene Transfer in Crop Improvement", Science, 3 April 1997, pp. 48-54, Vol. 236.		
	C25	GREIDER, C. "Telomeres, Telomerase and Senescence"; BioEssays; 1990; pp. 363-369, Vol. 12, No. 8.		
	C26	HARLEY, C. "Telomere loss: Mitotic clock or genetic time bomb?" Mutation Research; 1991; pp. 271-282, Vol. 256, Elsevier Science Publishers.		
	C27	HARLEY, C. & VILLEPONTEAU, B. "Telomeres and telomerase in aging and cancer" Current Opinion in Genetics and Development; 1995, pp. 249-255, Vol. 5.		
	C28	HARLEY, C. et al. "Telomeres shorten during ageing of human fibroblasts", Nature, 31 May 1990; pp. 458-460, Vol. 345.		
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O I P E  
AUG 09 2004  
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TRADEMARK OFFICE  
U.S. PATENT & TRADEMARK OFFICE

Substitute for form 1449B/PTO-1449B <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete If Known</b>	
Sheet	4	of	5
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CJ	C34	JÄHNE, A. et al. "Genetic Engineering of Cereal Crop Plants: A Review", <i>Euphytica</i> , 1995, pp. 35-44, Vol. 85, Kluwer Academic Publishers, Netherlands.		
	C35	JOHNSON, P. et al., "Expression of Wild-Type p53 Is Not Compatible with Continued Growth of p53-Negative Tumor Cells", <i>Molecular and Cellular Biology</i> , Jan. 1991, p. 1-11, Vol. 11, No. 1.		
	C36	JOLLIFFE, L.K. "Humanized antibodies: enhancing therapeutic utility through antibody engineering", <i>Int. Rev. Immunol.</i> , 1993, pp. 241-250, Vol. 10		
	C37	KIM, N. et al. "Specific Association of Human Telomerase Activity with Immortal Cells and Cancer", <i>Science</i> , 23 December 1994, pp. 2011-2014, Vol. 266.		
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	C43	MALICKI, J. et al. "A human HOX4B regulatory element provides head-specific expression in <i>Drosophila</i> embryos", <i>Nature</i> , 23 July 1992, pp. 345-357, Vol. 358.		
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	C45	NATARAJAN et al. "Major histocompatibility complex determinants select T-cell receptor alpha chain variable region dominance in a peptide-specific response." <i>Proc. Natl. Acad. Sci.</i> , Oct 1992, pp. 8874-8878, Vol. 89.		
	C46	PASZKOWSKI, JERZY et al. "Direct gene transfer to plants," <i>The EMBO Journal</i> , 1984, pp. 2717-2722, Vol. 3, No. 12.		
	C47	POTRYKUS, I. et al. "Direct gene transfer to cells of a graminaceous monocot", <i>Mol. Gen. Genet.</i> , 1985, pp. 183-188, Vol. 199.		
	C48	RAYMOND, E., et al.; Agents that target telomerase and telomeres; <i>Curr. Opin. Biotechnol.</i> ; 1996; 7:583-91		

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(CJ)	C49	RHYU, M.S. "Telomeres, telomerase, and immortality"; <i>J. Natl. Cancer Inst.</i> ; 21 June 1995; pp. 884-894, Vol. 87, No. 12.	
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	C52	SINGER, M. "Unusual Reverse Transcriptases", <i>Journal of Biological Chemistry</i> ; 1995, pp. 24623-23626, Vol. 270, No. 42	
	C53	SMITH, J. & YEH, G. "Telomere Reduction In Endometrial Adenocarcinoma"; <i>Am. J. Obstet. Gynecol.</i> ; Dec. 1992; pp. 1883-1887, Vol. 167, No. 6	
	C54	TAIT, J. et al. "Structure and Polymorphisms of the Human Annexin III (ANX3) Gene", <i>Genomics</i> , 1993, pp. 79-86, Vol. 18, No. 1	
	C55	WINTER, G. & HARRIS, W. "Humanized Antibodies", <i>Trends Pharmacol. Sci.</i> , May 1993, pp. 139-143, Vol. 14.	
	C56	WIRTH, URS et al; "Immediate-Early RNA 2.9 and Early RNA 2.6 of Bovine Herpesvirus 1 Are 3' Coterminal and Encode of Putative Zinc Finger Transactivator Protein"; <i>Journal of Virology</i> ; May 1992; pp. 2763-2772, Vol. 66, No. 5.	
	C57	ZAUG, ARTHUR et al., "Method for determining RNA 3' ends and application to human telomerase RNA", <i>Nucleic Acids Research</i> , 1996, pp. 532-533, Vol. 24, No. 3.	

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